

## WEST Search History

DATE: Monday, February 16, 2004

Hide?	Set Name	Query	Hit Count
		<i>DB=USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>	
<input type="checkbox"/>	L2	L1 and streptomyces	31
<input type="checkbox"/>	L1	nogalamycin or nogalater	125

END OF SEARCH HISTORY

STN Search Summary  
09/830160

=> d his

FILE 'CAPLUS' ENTERED AT 16:03:58 ON 16 FEB 2004

L1 316 S NOGALAMYCIN  
L2 26 S L1 AND STREPTOMYCES  
L3 18 S L2 AND PD<2000

L3 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1999:736723 CAPLUS  
TI Hybrid anthracyclines for cancer therapy from genetically engineered  
Streptomyces galilaeus  
IN Ylihonko, Kristiina; Hakala, Juha; Kunnari, Tero  
SO PCT Int. Appl., 43 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9958544	A1	19991118	WO 1999-FI385	19990510 <--
	FI 9801062	A	19991114	FI 1998-1062	19980513 <--
	EP 1000078	A1	20000517	EP 1999-923618	19990510
	EP 1000078	B1	20030730		
	JP 2002514399	T2	20020521	JP 2000-548348	19990510
	AT 246198	E	20030815	AT 1999-923618	19990510
	US 6399583	B1	20020604	US 2000-462671	20000111
PRAI	FI 1998-1062	A	19980513		
	WO 1999-FI385	W	19990510		

L3 ANSWER 2 OF 18 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1999:465368 CAPLUS  
TI Hybrid compounds derived from the combination of anthracycline and  
actinorhodin biosynthetic pathways  
AU Kunnari, Tero; Kantola, Jaana; Ylihonko, Kristiina; Klika, Karel D.;  
Mantsala, Pekka; Hakala, Juha  
SO Journal of the Chemical Society, Perkin Transactions 2: Physical Organic  
Chemistry (1999), (8), 1649-1652

L3 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:745546 CAPLUS  
TI Folding of the polyketide chain is not dictated by minimal polyketide  
synthase in the biosynthesis of mithramycin and anthracycline  
AU Kantola, Jaana; Blanco, Gloria; Hautala, Anne; Kunnari, Tero; Hakala,  
Juha; Mendez, Carmen; Ylihonko, Kristiina; Mantsala, Pekka; Salas, Jose  
SO Chemistry & Biology (1997), 4(10), 751-755

L3 ANSWER 4 OF 18 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:701378 CAPLUS  
TI Characterization of Streptomyces nogalater genes encoding  
enzymes involved in glycosylation steps in nogalamycin  
biosynthesis  
AU Torkkell, S.; Ylihonko, K.; Hakala, J.; Skurnik, M.; Mantsala, P.  
SO Molecular & General Genetics (1997), 256(2), 203-209

L3 ANSWER 5 OF 18 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1997:418116 CAPLUS  
 TI Isolation and characterization of 8-demethoxysteffimycins and generation of 2,8-demethoxysteffimycins in *Streptomyces steffisburgensis* by the nogalamycin biosynthesis genes  
 AU Kunnari, Tero; Tuikkanen, Jaana; Hautala, Anne; Hakala, Juha; Ylihonko, Kristiina; Mantsala, Pekka  
 SO Journal of Antibiotics (1997), 50(6), 496-501

L3 ANSWER 6 OF 18 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1996:525553 CAPLUS  
 TI Production of hybrid anthracycline antibiotics by heterologous expression of *Streptomyces nogalater* nogalamycin biosynthesis genes  
 AU Ylihonko, Kristiina; Hakala, Juha; Kunnari, Tero; Mantsala, Pekka  
 SO Microbiology (Reading, United Kingdom) (1996), 142(8), 1965-1972

L3 ANSWER 7 OF 18 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1996:368294 CAPLUS  
 TI A gene cluster involved in nogalamycin biosynthesis from *Streptomyces nogalater*: sequence analysis and complementation of early-block mutations in the anthracycline pathway  
 AU Ylihonko, Kristiina; Tuikkanen, Jaana; Jussila, Sanna; Cong, Lina; Mantsala, P.  
 SO Molecular & General Genetics (1996), 251(2), 113-120